ABSTRACT

The invention relates to system and method for the magnetic detection of the presence of objects in a blind angle of a motor vehicle. The inventive system comprises first means (1) for detecting a distortion in the Earth's magnetic field caused by a ferromagnetic object entering a blind angle, as well as second (2), third (3) and fourth (4) means for detecting derivative magnetic distortions in the trajectory, inclination and/or vibrations of the vehicle and in magnetic fields generated inside the vehicle, all of said means being connected an electronic circuit (5). According to the invention, a table is generated, which associates the trajectory, inclination and/or vibrations or magnetic fields generated inside the vehicle with corresponding distortion in the magnetic field due to specific circumstances. The inventive method consists in using the aforementioned system and table in order to neutralise the influence of said possible magnetic distortions on the detection of the object.